

Freiburg University Hospital Complex

Patent Claims

- 5 1. Use of hyperforin for producing a drug for treating cancer diseases and/or precancerous stages.
2. Use according to Claim 1 for treating lymphomas and/or leukaemias.
3. Use according to Claim 1 for treating  
10 metastases, in particular melanoma metastases.
4. Use according to Claim 1 for treating epithelial tumours and/or epithelial precancerous stages.
5. Topical ointment or cream which comprises at  
15 least 15 µg of hyperforin/ml.
6. Ointment or cream according to Claim 5 which comprises 0.02-20 mg of hyperforin/ml, preferably 1-20 mg of hyperforin/ml.
7. Ointment or cream according to one of Claims 5  
20 and 6 which additionally comprises at least 15 µg of hypericins/ml.
8. Ointment or cream according to Claim 7 which comprises at least 5% by weight of St. John's wort extract which contains at least 200 µg of hyperforin/ml  
25 and at least 200 µg of hypericins/ml.
9. Ointment or cream according to Claim 8 in which the St. John's wort extract contains 200-100,000 µg/ml, preferably about 1000 µg of hyperforin/ml and 200-2000 µg of hypericins/ml.
- 30 10. Ointment or cream according to Claim 8 or 9 in which the St. John's wort extract contains 20-60% v/v of ethanol.
11. Ointment according to one of Claims 7-10 which comprises about 15% by weight of St. John's wort  
35 extract and also a customary ointment base.
12. Cream according to one of Claims 7-10 which comprises about 10% by weight of St. John's wort extract and also a customary cream base.

13. Process for producing a topical ointment or cream according to one of Claims 5-12, in which process hyperforin and, where appropriate, hypericins, or a St. John's wort extract which contains at least 200 µg of hyperforin/ml and at least 200 µg of hypericins/ml, is/are mixed with customary pharmaceutically tolerated adjuvants such that an ointment or cream having a minimum content of 15 µg of hyperforin/ml, preferably 1-20 mg of hyperforin/ml, and, where appropriate, 15 µg of hypericins/ml, is obtained.

14. Use of an ointment or cream according to one of Claims 5-12 for treating cancer diseases, precancerous stages, inflammatory skin diseases, geriatric skin or bacterial skin infections.

15. Use according to Claim 14 in which an ointment according to one of Claims 5-11 is used for treating chronic, and also superinfected, eczemas, exsiccation eczemas, hyperkeratotic hand and foot eczemas, a subacute to chronic atopic dermatitis (neurodermatitis), lichen simplex, contact eczemas, prurigo simplex subacuta and other prurigo types and psoriasis vulgaris of the plaque type and also geriatric skin.

16. Use according to Claim 14 in which a cream according to one of Claims 5-10 or 12 is used for treating an acute to subacute atopic dermatitis (neurodermatitis), an acute to subacute contact eczema, psoriasis guttata or geriatric skin, or for the after-treatment and relapse prophylaxis of all eczemas.

17. Use according to Claim 14 for treating inflammatory superinfected skin diseases in veterinary medicine.

18. Process for treating cancer diseases and/or precancerous stages by administering hyperforin.

19. Process for treating cancer diseases, precancerous stages, inflammatory skin diseases, geriatric skin or bacterial skin infections by applying an ointment or cream according to one of Claims 5-12 to the skin.